

100270 99560650

Cytochrome P450-Dependent Enzymes From *Euphorbia lagascae* (SEQ ID NO:2) and *Capsicum annuum* (gi 6739506)

gi6739506 ME---IQFTN-LVAFLLFLSSIIILLKKWKTQKLNLPDGPWKLPFTGSLHHLAVAGPLPHHGLKNLAKLYGPLMHLRLGEIPTVIISSPR  
SEQ ID NO:2 MEQKNLSFPSILISFLLVLI-LVVMRLWKQ--NPPPGPWKFPPIIGNLPHLLTSDLGHFRALAQIYGPMVSLQIGQVSAVVISSAE

gi6739506 MAKEVLKTHDLAFATRPKLVVADIVHYDSTDIASFSPYGEYWRQIRKICILELLSAKMVKFFSSIRQDELSMMVSSIRTMPNFPVNLTDKI  
SEQ ID NO:2 AAKEVMKTQADAFAPRPIVLDQIVFYNRKDVLFASYGHDWRQMKKIWILEFLSAKKVQSSRLIREEMEDAITFLRSKAGSPVNITKII

gi6739506 FWTSSVTCRSALGKICRDQDKLIIFMREIISLTGGFSIADFFPTWKMLHDVGGSKTRLLKAHRKIDEILEHVVNEHKQNRADGQKNGE  
SEQ ID NO:2 YGIIISIMIRTSVGN-CKQERLLSVADAVNEAATSFGTADAFPTWKLLHYIIGAESKPRRLHQEIDDLILEEILNEHKANKP-----

gi6739506 FGGEDLIDVLLRVRESGEVQISITDDNIKSILVDMFSAGSETSSSTIIWALAEMKKPSVLAKAQAEVRQVLKEKKGFQQIDLDLKYLK  
SEQ ID NO:2 FEADNLMVDVLLNLQKNGNVPVPTNESIKASVLQMFAGSETTSKATEWVMAELMKNPTLRLKAQAEVRQVFGEMGKVDSESRFHDLCFFK

gi6739506 LVIKETLRMHPPPIPLLVPRECMKDTKIDGYNIPFKTRIVVNAWAIGRDPESWDDPESFSPERFENSVDFLGSHHQFIPFGAGRRICPGM  
SEQ ID NO:2 LVVKETLRLLHPPV-VLIPRECRETRIDGVEIHPNTRIVVNAWAIGRDPNTWSEPGKFNPERFKDCAIDYKGTTFELVPFGAGKRICPGI

gi6739506 LFGLANVGQPLAQLLYHFDRKLPNGQSHENLDMTESPGISATRKDDLVLIATPYD-----P  
SEQ ID NO:2 TSAITNLEYVVIINLLYHFNWELADGITPQTLDMTEAIGGALRKKIDKLIPYQVSLGSNIS

FIG. 1

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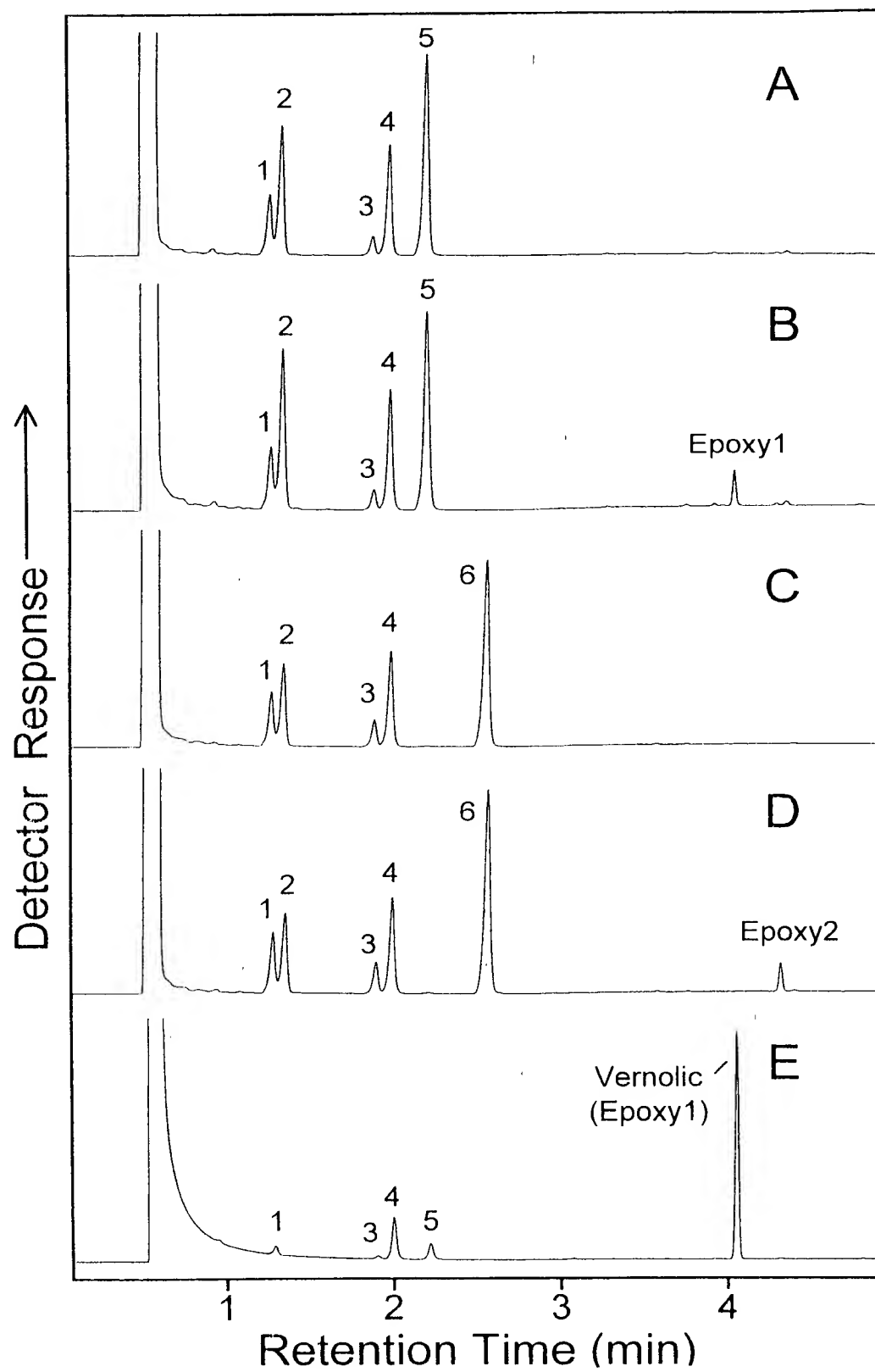


FIG. 2

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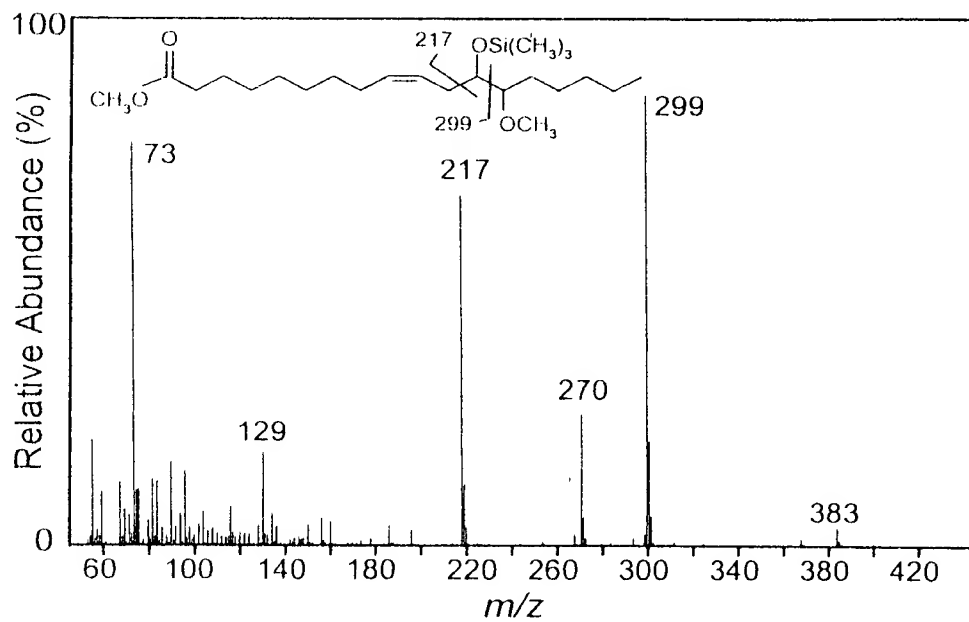


FIG. 3A

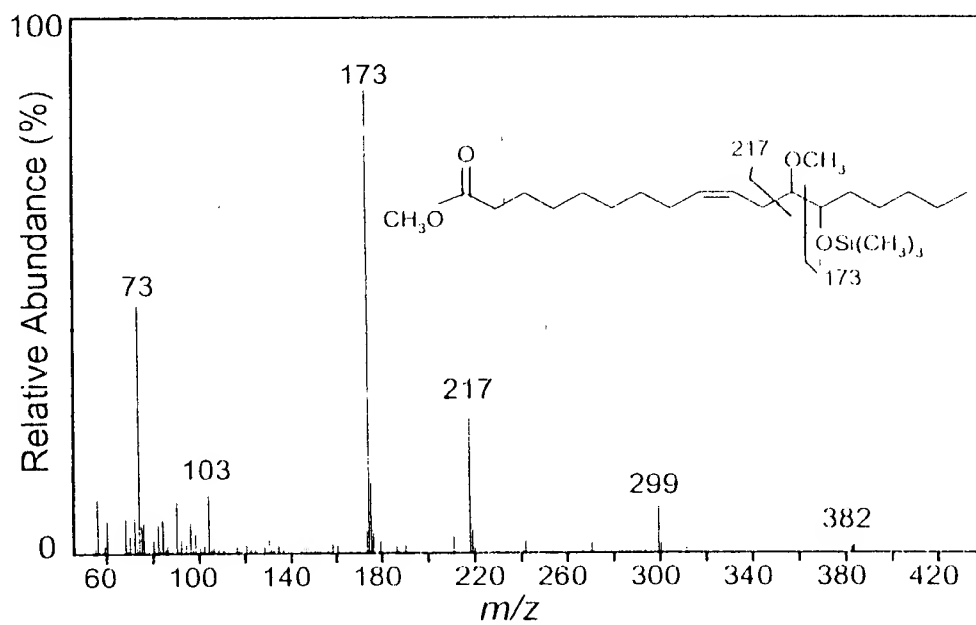


FIG. 3B

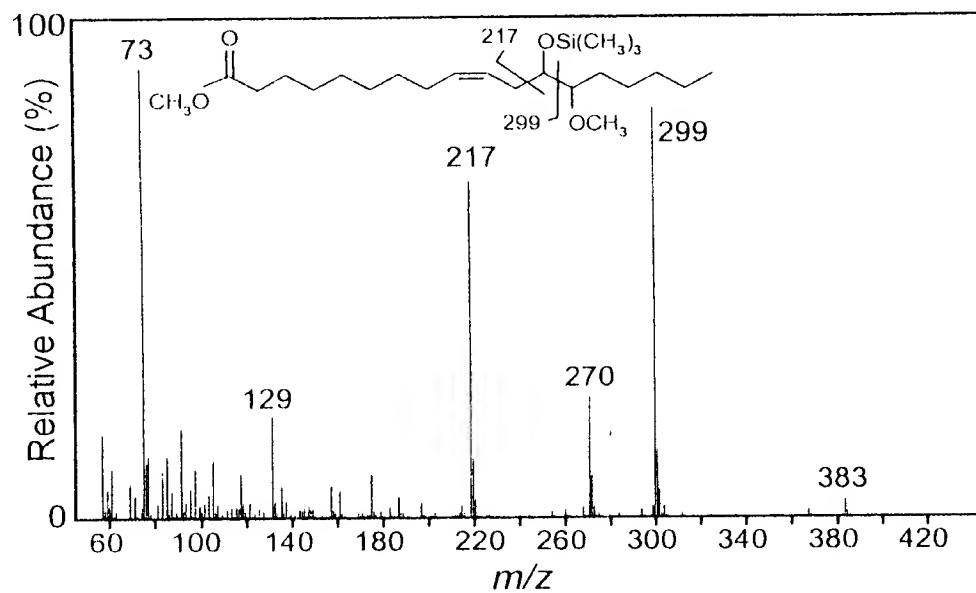


FIG. 3C

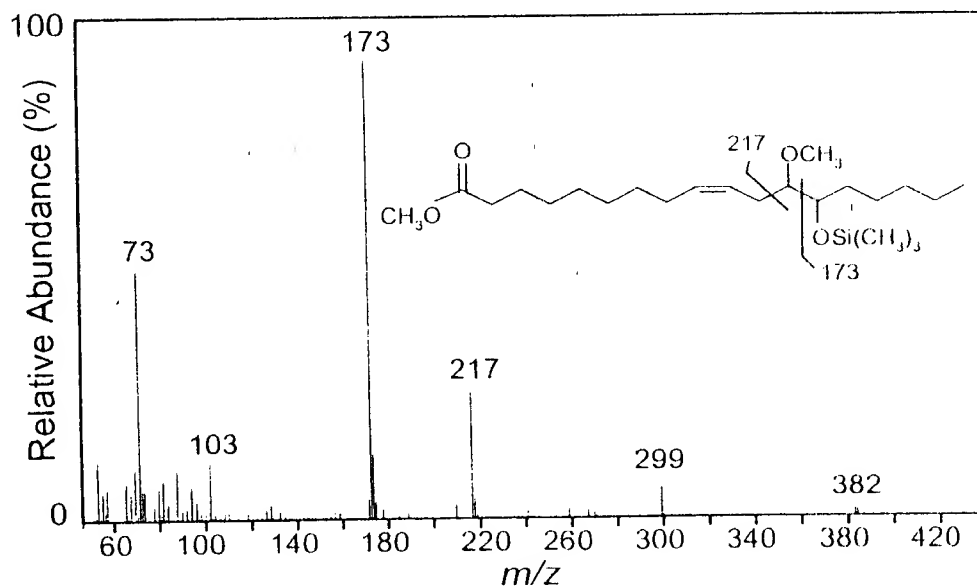


FIG. 3D

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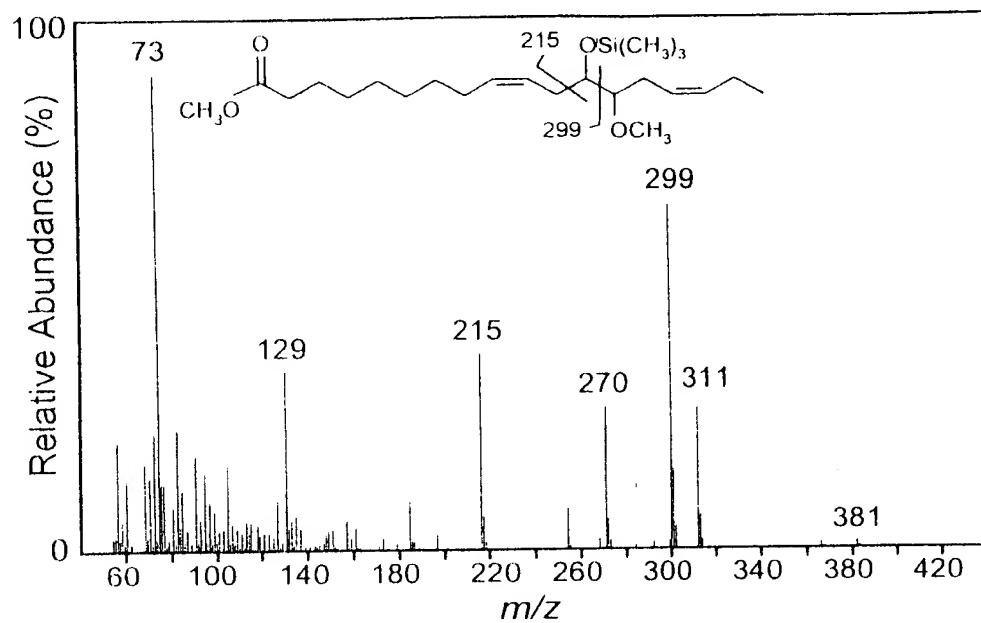


FIG. 3E

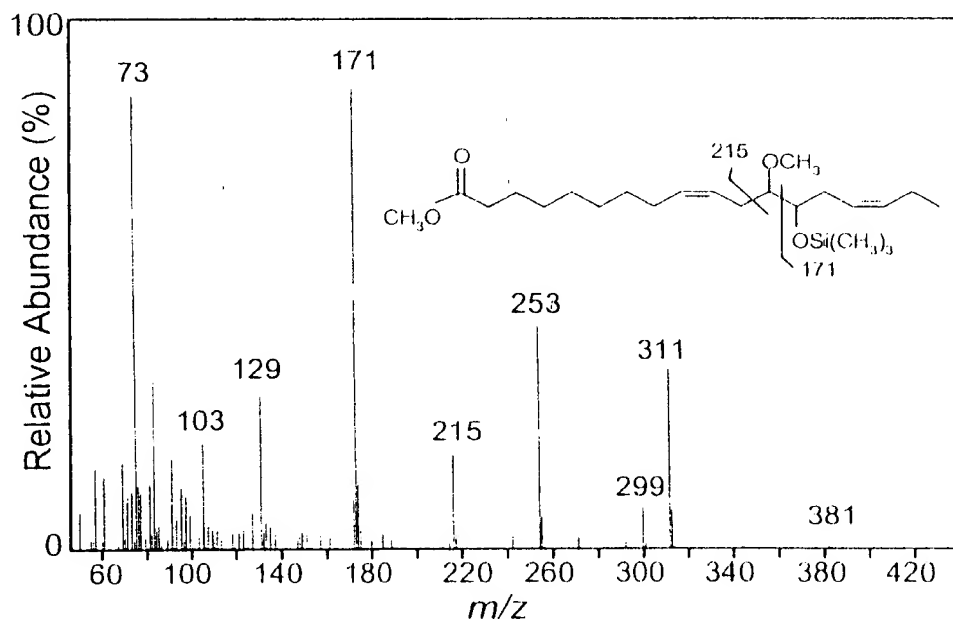


FIG. 3F

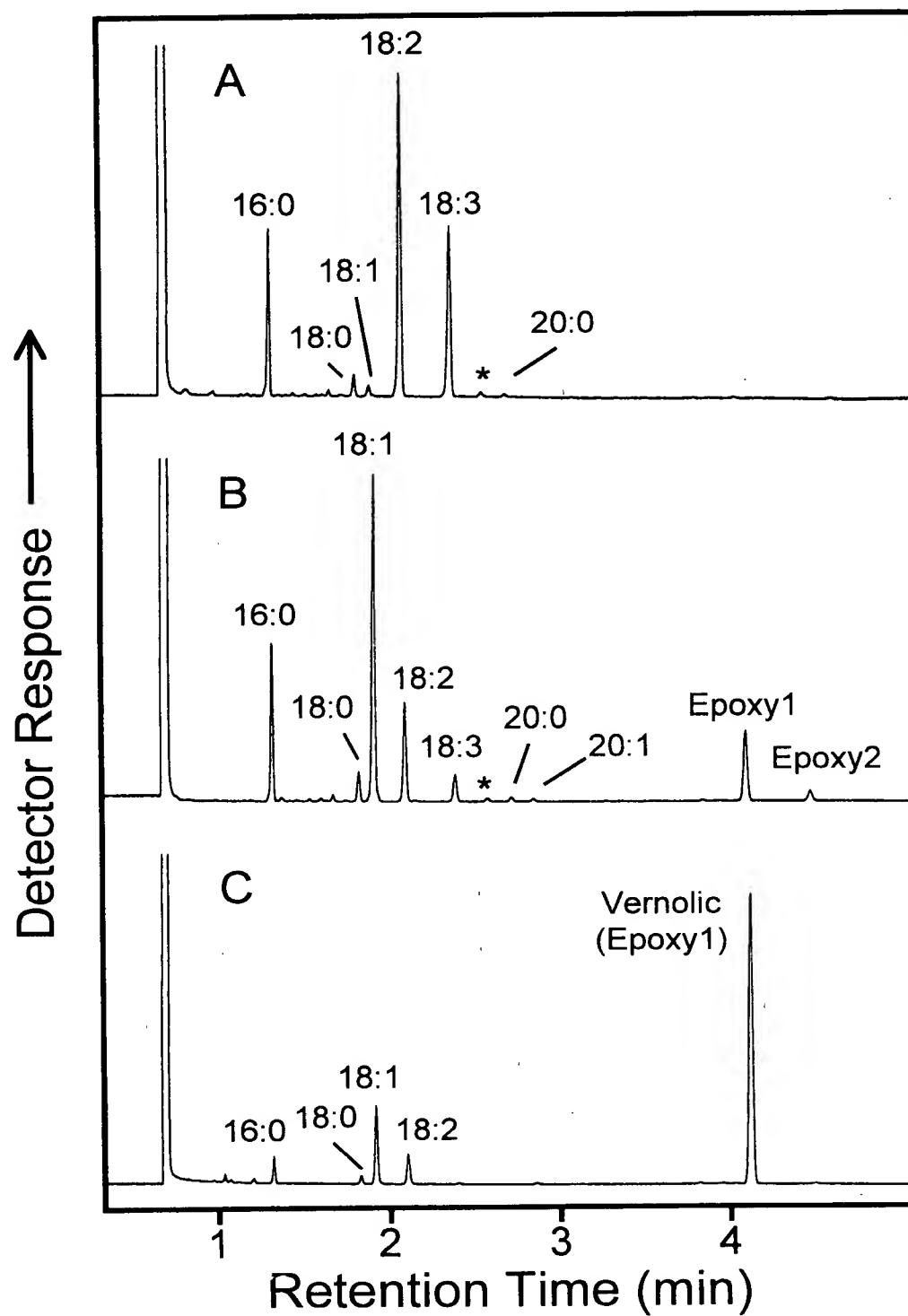


FIG. 4

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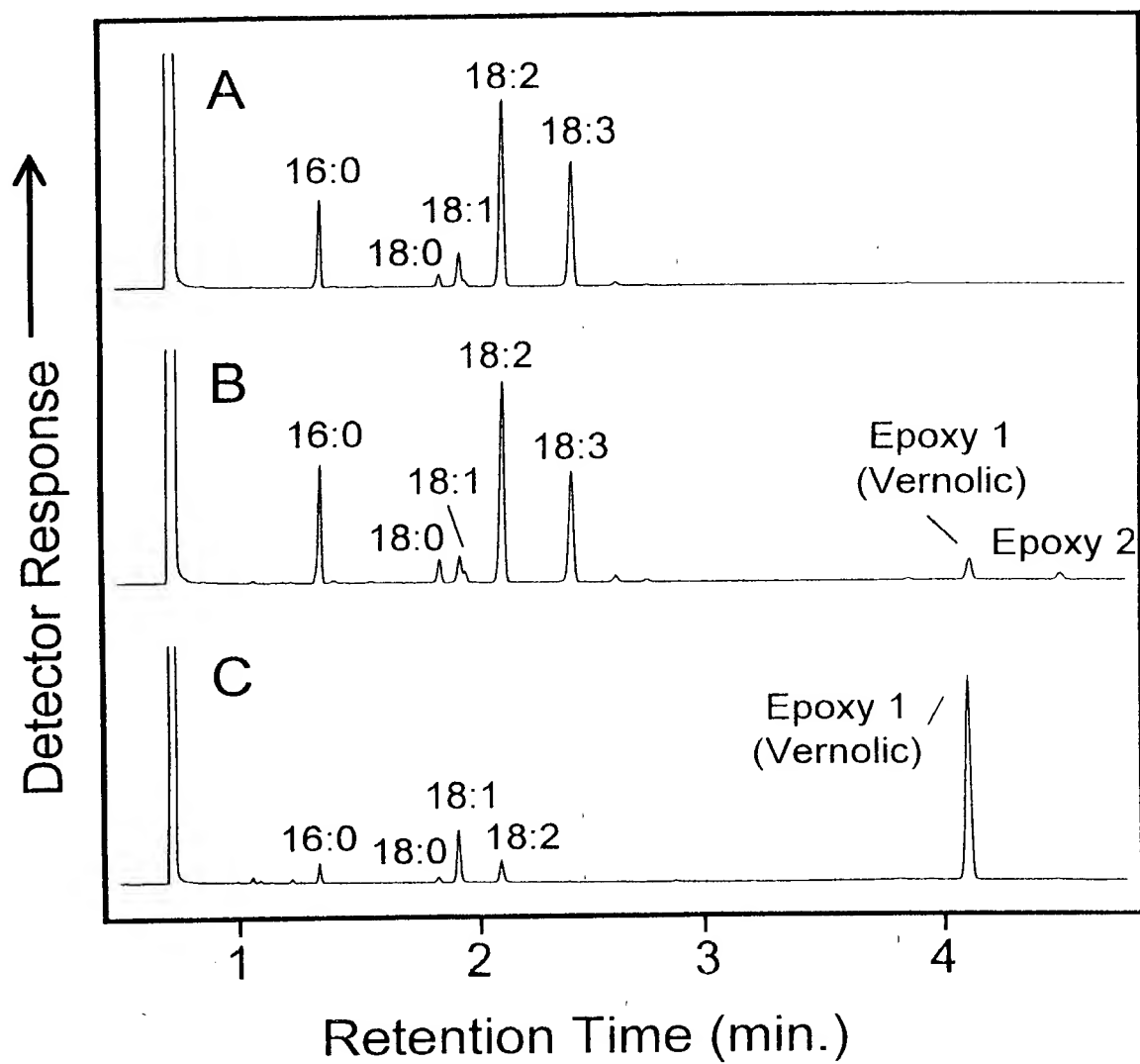


FIG. 5